

Bachelor of Science

Biology – Biotechnology Concentration

2024-2025 Transfer Guide

Core Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core	3
CORE 010 ¹	CORE 010	Communications Core	3
MATH 2413 ⁴	CORE 020	Calculus I	4
BIOL 1406 ⁴	CORE 030	Biology for Science Majors I (Lecture + Lab)	4
BIOL 1407 ⁴	CORE 030	Biology for Science Majors II (Lecture + Lab)	4
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture Core	3
CORE 050 ¹	CORE 050	Creative Arts Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 080 ¹	CORE 080	Social and Behavioral Sciences Core	3
CHEM 1411 ⁴	CORE 090	General Chemistry I (Lecture + Lab)	4
CHEM 1412 ⁴	CORE 090	General Chemistry II	4
			Subtotal
			47

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
PHYS 1401 ⁴	PHYS 1401	College Physics I (Lecture + Lab)	4
BIOL 2421 ⁴	BIOL 2421	Microbiology for Science Majors	4
CHEM 2423 ⁴	CHEM 2423	Organic Chemistry I (Lecture + Lab)	4
CHEM 2425 ⁴	CHEM 2425	Organic Chemistry II (Lecture + Lab)	4
Any Level Elective ^{2,3}	Any Level Elective	Any Level Elective	6
			Subtotal
			22

Upper-Level Degree Requirements		
Texas A&M University - Central Texas		
Texas A&M University - Central Texas	Course Name	SCH
BIOL 3452 ⁴	Principles of Genetics	4
CHEM 4430 ⁴	Biochemistry I	4
CHEM 3415 ⁴	Analytical Chemistry	4
MATH 3350 ⁴	Principles of Bio-Statistics	3
BIOL 4470 ⁴	Cell Biology	4
CHEM 4415 ⁴	Instrumental Analysis	4
BIOL 3380 ⁴	Research Methods	3
BIOL 4471 ⁴	Molecular Biology	4
BIOL 4475 ⁴	Proteomics	4
BIOL 4380 ⁴	Evolution	3
BIOL 4451 ⁴	Bioinformatics	4
BIOL 4395 ⁴	Biology Capstone	3
Elective - Faculty Approved	Elective - Faculty Approved	4
Elective - Faculty Approved	Elective - Faculty Approved	3
		Subtotal
		51
		Total
		120

Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at the transferring institution. For help with pathway planning, student should speak with an [academic advisor](#). *This pathway is intended for planning and visualization purposes only.*

1. Refer to the General Education Core Requirements [page](#) for more information on the CORE Requirement coursework.
2. Any-level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting electives.
3. Lower-Level Electives, Any Level Electives, Component Area Options or Degree Requirements (DEG REQ) may consist of the FOS courses: BIOL 1406, BIOL 1407, CHEM 1411, CHEM 1412, CHEM 2423, PHYS 1401 or (the 3-credit hour course plus the 1 credit hour lab).
4. Courses must be completed with a "C" or better.



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CENTRAL TEXAS.